

APR-12-04 MON 10:14 AM SALIWANCHIK

FAX NO. 3523725800

P. 01

FACSIMILE COVER SHEET

RECEIVED
CENTRAL FAX CENTER

APR 12 2004

OFFICIAL

SALIWANCHIK, LLOYD & SALIWANCHIK
A Professional Association
2421 N.W. 41st Street
Suite A-1
Gainesville, FL 32606

Telephone (352) 375-8100
Facsimile (352) 372-5800

The information contained in this facsimile message is intended only for the personal and confidential use of the designated recipients named below. This message may be an attorney-client communication, and as such is privileged and confidential. If the reader of this message is not the intended recipient or an agent responsible for delivering it to the intended recipient, you are hereby notified that you have received this document in error, and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message by mail. Thank you.

COMPANY: U. S. Patent Office, Art Unit 1638

FAX NO.: (703) 872-9306

FROM: Jeff Lloyd

DATE: April 12, 2004

NUMBER OF PAGES (INCLUDING COVER SHEET): 5

MESSAGE:

Re: U.S. Patent Application Serial No. 10/627,886; filed July 24, 2003
Novel Polypeptides and Polynucleotides Relating to the Alpha- and
Beta-Subunits of Glutamate Dehydrogenases and Methods of Use
Our Docket No.: UF-155CD3

1. Information Disclosure Statement (2 pages)
2. PTO Form-1449 (2 pages)

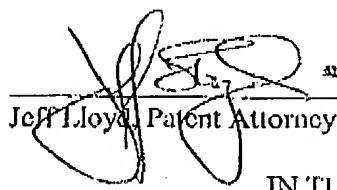
If you do not receive all pages or if any transmission is not legible, call the sender at (352) 375-8100.

H:\DOC\FAX\PTO-NOT ASSIGNED.DOC/DNB/srp

RECEIVED
CENTRAL FAX CENTER

APR 12 2004

I hereby certify that this paper is being
facsimile transmitted to the Patent and
Trademark Office on 12 APRIL 2004.


Jeff P. Lloyd, Patent Attorney

INFORMATION DISCLOSURE
STATEMENT
Patent Application
Docket No. UF-155CD3
Serial No. 10/627,886

OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : (not yet assigned)
Art Unit : 1638
Applicant(s) : Robert R. Schmidt, Philip Miller
Serial No. : 10/627,886
Filed : June 26, 2003
For : Novel Polypeptides and Polynucleotides Relating to the Alpha- and Beta-
Subunits of Glutamate Dehydrogenases and Methods of Use

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.97 and §1.98(d), Applicants would like to bring to the attention of the Examiner, the references cited in the following patent applications:

U.S. Serial No. 09/070,844; filed May 1, 1998
U.S. Serial No. 08/725,596; filed October 3, 1996; and
U.S. Serial No. 08/541,033; filed October 6, 1995.

The subject application, Serial No. 10/627,886 claims the benefit under 35 USC §120 of the filing date of the above U.S. Patent Applications Serial Nos. 09/070,844; 08/725,596; and 08/541,033. Applicants respectfully request that the copies of references cited during prosecution thereof, be made of record in the 10/627,886 application. As copies of the references filed in the parent

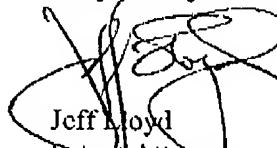
Docket No. UF-155CD3
Serial No. 10/627,886

applications, and cited on the attached form PTO-1449, will be found in the parent casefile, copies of those references are not provided herewith.

It is respectfully requested that the references cited in the above-noted parent application be considered in the examination of the subject application and their consideration be made of record.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statements.

Respectfully submitted,



Jeff Lloyd
Patent Attorney

Registration No. 35,589

Phone No.: 352-375-8100

Fax No.: 352-372-5800

Address : 2421 N.W. 41st Street, Suite A-1
Gainesville, FL 32606-6669

JL/srp

Enclosure: PTO-1449

Sheet 1 of 2

| | | | | | |
|--|--|--|--|---|--------------------------|
| Form PTO-1449 (REV. 7-30) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. UF-155CD3 | SERIAL NO. 10/627,886 |
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | | | APPLICANT(S): Robert Schmidt, Philip Miller | |
| | | FILING DATE July 24, 2003 | | GROUP ART UNIT 1638 | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|--|-----------------|------|------|-------|----------|----------------------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|-----------------|----------|---------|-------|----------|--------------------|
| | AA | WO 95 0 9 9 1 1 | 4-13- 95 | PCT | | | Yes |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AB | Cock, J.M. et al. (1991) "A nuclear gene with many introns encoding ammonium-inducible chloroplastic NADP-specific glutamate dehydrogenase(s) in <i>Chlorella sorokiniana</i> " Plant Molecular Biology 17:1023-1044 |
| AC | Bascomb, N.F. et al. (1987) "Different Rates of Synthesis and Degradation of Two Chloroplastic Ammonium-inducible NADP-Specific Glutamate Dehydrogenase Isoenzymes during Induction and Deinduction of <i>Chlorella sorokiniana</i> Cells" Plant Physiol. 83:85-91 |
| AD | Bascomb, N.F., R. R. Schmidt (1987) "Purification and Partial Kinetic and Physical Characterization of Two Chloroplast-Localized NADP-Specific Glutamate Dehydrogenase Isoenzymes and Their Preferential Accumulation in <i>Chlorella sorokiniana</i> Cells Cultured at Low or High Ammonium Levels" Plant Physiol. 83:75-84. |
| AE | Prunkard, D.E. et al. (1986) "Effect of Different Carbon Sources on the Ammonium Induction of Different Forms of NADP-Specific Glutamate Dehydrogenase in <i>Chlorella sorokiniana</i> Cells Cultured in the Light and Dark" Plant Physiol. 81:413-422. |
| AF | Yeung, A.T. et al. (1981) "Purification of an Ammonium-Inducible Glutamate Dehydrogenase and the Use of its Antigen Affinity Column-Purified Antibody in Specific Immunoprecipitation and Immunoabsorption Procedures" Analytical Biochemistry 110:216-228 |
| AG | Meredith, M.J. et al. (1978) "Physical and Kinetic Properties of the Nicotinamide Adenine Dinucleotide-specific Glutamate Dehydrogenase Purified from <i>Chlorella sorokiniana</i> " Plant Physiol. 61:967-974 |
| AH | Srivastava, H.S., R. P. Singh (1987) "Role and Regulation of L-Glutamate Dehydrogenase Activity in Higher Plants" Phytochemistry 26(3):597-610. |
| AI | Prunkard, D. E. et al. (1986) "Evidence for Chloroplastic Localization of an Ammonium-Inducible Glutamate Dehydrogenase and Synthesis of its Subunit from a Cytosolic Precursor-Protein in <i>Chlorella sorokiniana</i> " Plant Physiol. 81:349-355. |
| AJ | Wallsgrave, R.M. et al. (1987) "Barley Mutants Lacking Chloroplast Glutamine Synthetase-Biochemical and Genetic Analysis" Plant Physiol. 83:155-158. |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
| | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2

| | | | | | | | |
|--|--|---|------|---|--------------------------|----------|----------------------------|
| Form PTO-1449 (REV. 7-80) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. UF-1550D3 | SERIAL NO. 10/627,886 | | |
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | | | APPLICANT(S): Robert R. Schmidt and Philip Miller | | | |
| | | | | FILING DATE July 24, 2003 | GROUP ART UNIT 1638 | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| AJ | | Miflin, B.J. P. J. Lea (1976) "The Pathway of Nitrogen Assimilation in Plants" Phytochemistry 15:873-885. | | | | | |
| AK | | "Nicotinamide Adenine Di Nucleotide Glutamate Dehydrogenase Obtain Chlorella Cell Buffer Extract Two Stage Chromatography Phosphate Buffer Elution" (1982) Biochem. Inst., "Abstract only". In | | | | | |
| AL | | Napoli et al. Introduction of a chimeric chalcone synthase gene into petunia results in reversible co-suppression of homologous genes in trans. The Plant Cell, 2:279-289 (1990) | | | | | |
| AM | | MPSEARCH results for SEQ ID NO: 1-4 and 7-26 showing at least result 1, the closest prior art. | | | | | |
| | | Bascomb, N.F. et al. (1986) "Specific Polysome Immunoadsorption to Purify an Ammonium-Inducible Glutamate Dehydrogenase mRNA from Chlorella sorokiniana and synthesis of Full Length Double-Stranded cDNA from the Purified mRNA" Plant Physiol. 81:527-532 | | | | | |
| AN | | Miller, P. W. et al. (1994) "Transcription initiation sites of a NADP-specific glutamate dehydrogenase gene and potential use of its promoter region to express foreign genes in ammonium-cultured Chlorella sorokiniana cells" Journal of Applied Phycology 6:211-223. | | | | | |
| AO | | Meredith, M. J., R.R. Schmidt (1991) "NAD-Specific glutamate dehydrogenase isoenzyme localized in mitochondria of nitrate-cultured Chlorella sorokinian cells" Plant Physiol. 10:67-71. | | | | | |

| | |
|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |